

1632

PTO/SB/21 (05-03)

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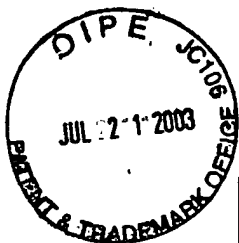
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/945,238
	Filing Date	August 31, 2001
	First Named Inventor	Werner G. Kuhr
	Group Art Unit	1632
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	407T-300200US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	PTO Form 1449; Copy of Search Report from Int'l Application; Cited References; receipt acknowledgment postcard
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Tom Hunter, Reg. No. 38,498, Quine Intellectual Property Law Group, P.C.
Signature	
Date	7/17/03

CERTIFICATE OF MAILING			
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Typed or printed name	Amelia Groth		
Signature		Date	July 17, 2003

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By

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Attorney Docket No. 407T-300200US
Client Ref. No. 2001-324-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Werner G. Kuhr, et al.

Application No.: 09/945,238

Filed: August 31, 2001

For: METHODS FOR THE SPECIFIC
DETECTION OF REDOX-ACTIVE
TAGS AND THE USE THEREOF
FOR CAPILLARY GEL
ELECTROPHORESIS AND DNA
SEQUENCING

Examiner: Unassigned

Art Unit: 1632

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. Also, enclosed is a copy of International Search Report for corresponding International Application No. PCT/US02/27241. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

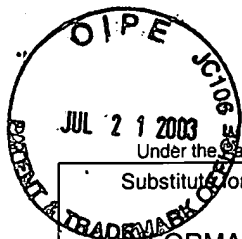
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Tom Hunter', with a long horizontal flourish extending to the right.

Tom Hunter, J.D., Ph.D.
Reg. No. 38,498

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.
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Alameda, CA 94501
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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	09/945,238
	Filing Date	August 31, 2001
	First Named Inventor	W rn r G. Kuhr
	Group Art Unit	1632
	Examiner Name	Unassigned
	Attorney Docket Number	407T-300200US
Date Submitted		

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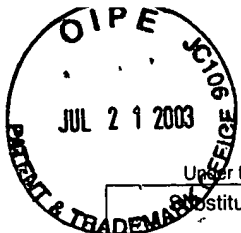
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	01	5,595,215	A	KUHR et al.	09-28-1999	
	02	5,650,061	A	KUHR et al.	07-22-1997	
	03	5,861,287	A	METZKER et al.	01-19-1999	
	04	5,427,911		RUANO	06-27-1995	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	05	WO	01/73429	A2	CLEMSON UNIVERSITY	10-04-2001		
	06	WO	86/04926	A1	GENETICS INTERNATIONAL	08-28-1986		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
	07	Database CAPLUS, AN:2000:707577. BRAZILL, S. et al. Detection of Native Amino Acids and Peptides Utilizing Sinusoidal Voltammetry. Analytical Chemistry. 2000, Vol. 72, No. 22, pages 5542-5548.			
	08	Database CAPLUS, AN:2000:326900. BRAZILL, S. et al. Development of an innovative detection strategy for DNA sequencing utilizing electrochemical labels. Book of Abstracts, 219 th ACS National Meeting, San Francisco, CA, 26-30 March 2000, ANYL-106 Publisher: American Chemical Society. See abstract.			
	09	Database CAPLUS, AN:1999:539721. KUHR et al. Electrochemical detection of DNA in microfluidic systems. Book of Abstracts, 218 th ACS National Meeting, New Orleans, 22-16 August 1999, American Chemical Society, see abstract.			
	10	Database CAPLUS, AN:1997:485790. SINGHAL, P. et al. Direct electrochemical sensing of underivatized bio-macromolecules and their component subunits. Book of Abstracts, 214 th ACS National Meeting, Las Vegas, NV, 7-11 September 1997, ANYL-042 Publisher: American Chemical society, see abstract.			
	11	Database CAPLUS, AN:1996:159883. IHARA et al. DNA ligand – redox active molecule conjugates as an electrochemical DNA probe. Analytical Science & Technology. 1995, Vol. 8, No. 4, pp. 887-94; see abstract.			

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Complete if Known

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12	Database CAPLUS, AN:2000:798083. LEI et al. DNA immobilization and bioelectronic detection based on conducting polymers. Abstr. Pap. - Am. Chem. Soc. 2000, 220 th , PMSE-314.

Examiner Signature		Date Considered	
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